

ARC NEWSLETTER

OUR SIXTY SECOND YEAR

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Editor

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Publisher

MEETINGS: 2nd and 4th. Fridays each Month.
U. C. Missions Bldg.
222 S. Downey Ave..

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MEETING: October 14, 1977.

RACES IN INDIANAPOLIS AND MARION COUNTY.

By Mel Peterson, WA9ZXS.

PROGRAM REVIEW: The Club started the Fall season, Sept 9th. by attending the Field Trip to WTTV, Channel #4 when 25 members and guests were conducted thru the facilities under the able guidance of our host, Paul Bohrer, W9DUU. This facility prepares the programs and sends the signal by microwave to the actual transmitter located near Trafalger, Ind. some thirty five miles to the south. Programs begin live or are edited on magnetic tape or prepared from 16mm. movie film or still transparencies. The day's program is fed into a computer which mainly switches the various projectors and information sources on and off. This equipment is monitored by a studio engineer who can override or correct any difficulties. The facility maintains one large studio for big productions and a smaller studio from which News and Sports are broadcast. We were treated to a live demonstration of the manner in which studio camera men and their equipment handle the live process. This facility also maintains several mobile studios for remote broadcasting such as from the State Fair or Basketball halls. MANY THANKS to Paul for an excellent program and for answering a million questions.

September 23rd, 1977. Gerry Lucas, W9BS kept about thirty five guests and members on the edge of their seats while presenting a very well prepared program on the production of Printed Circuit Boards. Gerry had a large table covered with boards in various stages, chemicals, special tools and a homebrew developing agitater, like you never saw, made of pure genius. Basically the board is first scrubbed and cleaned. The board is then covered with a masking material which prevents chemical action to that part covered. A negative of the art work is placed over the masking material which is photosensitive to ultraviolet and after a rather long exposure, the masking material is developed thus removing the material wherever chemical action is wanted to take place, attacking the copper laminate. There were several reference books on this process shown as well as reference to articles in several ham magazines. Gerry sez "try it, you'll like it"

CORRECT SIGNING PROCEDURE There is some confusion on how properly to sign call letters during a QSO. FCC rules require that you send the call letters of the station you are in contact with de your own call at the Start of the QSO. It is only required that you sign your own call at the END of the QSO. One must also watch the ten minute rule, signing at this interval if proceeding with a long winded QSO.

ANNUAL AWARDS PRESENTATION AND DINNER NOVEMBER 11, 1977.

SILENT KEYS The club mourns the passing of one of its finest members, Ben. H. Gaither, WA9YCA who passed away Sept. 22, 1977 at Community Hosp. after undergoing two major surgical operations. Ben joined the IRC in 1968 and has held several offices including, Chief Operator. Ben worked for Eli Lilly Co. as a machinest and Model builder. He was quite active in the Indiana Astronimical Society, building his own superb telescope, grinding his own lenses. He was also interested in guns and had made several types in his basement workshop. Ben had a complete ham station, building all his own equipment, using a Quad Ant. He was also active on two meters. We shall all miss this wonderful human being.

 Fr. Bill McLaughlin, W9GZT lost his brother, WN9DKJ, Fr Edward McLaughlin of the St. Joseph Parish, Shelbyville. Fr. Ed passed away 21 Sept. in his sleep. Fr Ed was well known to many amateurs, being the chaplin of the CAP. as well as active in this organization.

 We also record the passing of Fred Crandell, K9CFZ, a member of the Club on Sept. 22nd. 1977. Fred was a Director of the Mental Health Assn. of Ind. He was very active on the two meter band and was president of the 10/70 Repeater Club. and interested in doing emergency work. We regret the loss of this fine member.

THREE IMPORTANT CHORES: to accomplish under the present term of officers
 1. The Awards dinner is scheduled for Nov. 11th. so we need to start thinking about our nominee for this high honor as well as other awards we wish to bestow on those who have made important contributions to the Club Arrangements, decorations and other details to be worked out.
 2. The IRC area Directory will soon be wrapped up and printed, updating our 1973 issue and its 1974 supplement. The Directory committee has been hitting the ball and most all details have been settled. This issue will be the largest ever.
 3. Our last major duty will be the selection of a new panel of officers for 1978. It goes without saying the the success of the Club is largely in the hands of a capable group of men at the helm therefore our choice of this leadership should be done with serious attantion. It is easy to determine who is good officer material. Simply observe who attends regularly and who supports the club by assuming responsibility for undertaking extra duties when the need arises.
 4. We need to promulgate the IRC Constitution with the amendments voted earlier this year. Copies of this document should be in the hands of all members and also issued to all new members joining the club.

OSCAR Lowell Lowary, W9BZ who recently aquired the two letter call has qualified for the OSCAR Satellite 1000 point award. Lowell works Oscar with a TR-22-C using a 4 element beam on the uplink and receives on 10 M with his regular ham gear, proving you dont need special equipment. W9BZ need one more card to qualify for the DXCC Award and will probably have this by the time you read this. Info by Chas Preston WB9CBZ

CB REPEATERS Yes the CB'ers have em .Some of the sales agencies selling CB equipment also operate their own base station which is used to keep in touch with their trucks, etc. If you purchase certain CB equipment, they give you a deal where you can put in calls thru their base Stn which may have a range of several hundred miles. We hope that the FCC. gets on top of this one FAST.

FCC is considering the abandonment of all foreign USA prefixes such as KM6, KS6 etc. in order to reduce complexity of recording and issuing of licenses. The DX fraternity hisses this proposal since it would result in loss of identity of foreign stations.